Emergency class, ESTE BNPP:

**Emergency class is estimated/evaluated by ESTE BNPP as follows:**

general emergency,

site (area) emergency,

partially also „facility emergency“ (alert).

**General emergency:**

Identified reactor core damage (on the base of symptoms)

or

an intervention level for urgent protective measures is exceeded anywhere in emergency planning zone outside the areal of NPP (on the base of predicted source term and evaluation of radiological impacts of predicted source term)

**Site (area) emergency:**

Identified event „LOCA“

or

event „SGTR“

or

event „Station Blackout“, which lasts for more than 1 hour

or

an intervention level for urgent protective measures is exceeded inside the plant area (only), (on the base of predicted source term and evaluation of radiological impacts of predicted source term in the area of the NPP Bushehr)

**Facility emergency (alert):**

Initiating event has been identified by ESTE BNPP (=LOCA, SGTR, IS LOCA, SGTR, Release Pressurizer, event at SFP) and: Dose rate in containment is above 5E-3 Gy/h (for more than 10 minutes, increased dose rate lasts for more than 10 minutes)

or

Initiating event has been identified by ESTE BNPP (=LOCA, SGTR, IS LOCA, SGTR, Release Pressurizer, event at SFP) and: Dose rate in vent tube is above 5E-3 Gy/h (for more than 10 minutes, increased dose rate in vent tube lasts for more than 10 minutes)

or

Initiating event “Station Blackout” has been identified by ESTE BNPP.